

Tonto and Cherry

Boundaries:

The site is located in Payson, Arizona and is approximately 150 feet from Colcord Road just north of Frontier Street. The site boundary is a northwest-trending oval, extending approximately 850 feet from the intersection of Colcord Road and Frontier Street.

Site History:

- In 1984, Grand Way Cleaners (GWC) began operations at the Bonanza Square location.
- In March 1995, ADEQ conducted soil and soil vapor sampling of the area around GWC.
- In 1997, tetrachloroethene (PCE) was detected in three domestic wells near GWC.
- In July and November 1998, ADEQ conducted a video inspection of the sewer line and collected soil and soil vapor samples where the video indicated breaks in the line.
- In September 2000, passive soil gas samples were collected throughout the Bonanza Square property to identify the source area(s). Two potential source areas were identified: 1) beneath GWC and 2) near the location of an abandoned septic system.
- In February 2001, three groundwater monitoring wells were drilled and installed.
- In November 2001, three nested vapor wells and an angled groundwater monitoring well were installed at the Bonanza Square property. Vapor samples collected indicate high concentrations of PCE beneath the GWC location.
- In September 2002, the draft Remedial Investigation Report was released.

Site Status:

- Concentrations of PCE have decreased in concentration since 1997. In March 2003, concentrations of trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride have increased in the groundwater monitoring well beneath GWC due to natural breakdown of PCE.
- The concentration of PCE in monitoring wells at the Site has generally decreased from approximately 24 µg/L in March 2001 to less than 5 µg/L in March 2005. The aquifer water quality standard (AWQS) for PCE is 5 µg/L.
- Semi-annual groundwater sampling is conducted in March and September.
- The draft Remedial Objectives (RO) Report is currently being prepared.

Site Hydrogeology:

- The aquifer beneath the site is in the Payson Granite.
- The hydrogeology of the Payson area has been defined through the development of the Site Hydrogeologic Conceptual Model (HCM) based on drilling and testing activities.
- The HCM identified three primary hydrologic units in descending order in the Payson Granite: 1) Alluvium/Colluvium, 2) Decomposed Granite/Fractured Granite (DG/FG), and 3) Variably Fractured Granite/Competent Granite (FG/CG).

Contaminants:

The current contaminants of concern in groundwater include tetrachloroethene (PCE) and trichloroethene (TCE). Contaminants of concern at the site may change as new data become available.

Public Health Impact:

The maximum contaminant level (MCL) for PCE is five $\mu\text{g/L}$. All domestic wells in the area are below MCLs based upon the most recent sampling.

Community Involvement Activities:

A community advisory board (CAB) has been formed for this site in conjunction with Payson PCE site and meets on a regular basis. These meetings are open to the public. The CAB meeting agendas and minutes can be viewed at: <http://azdeq.gov/environ/waste/sps/reg.html>. A fact sheet was distributed to the community involvement area in November 2002.

Information Repositories:

Interested parties can review site information at the information repository located at the Payson Public Library located at 328 N. McLane Road, (928) 474-9260. With 24 hour notice, an appointment to review relating documentation is available Monday through Friday from 8:30 a.m. to 4:30 p.m., at the ADEQ Records Management Center, 1110 W. Washington Street in Phoenix, Arizona. Please contact (602) 771-4380 or (800) 234-5677 to schedule an appointment to review these documents.

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*In Arizona, but outside the Phoenix area, call toll-free at (800) 234-5677